

CLAIMS

1. A compressor comprising a container, a compressor mechanism which is provided in said container for compressing working fluid, a motor which is provided in said container for driving said compressor mechanism, and an oil reservoir which is provided at a bottom of said container for storing refrigeration oil, wherein a wave-suppressing member is provided in an interface between the working fluid and the refrigeration oil of said oil reservoir.
2. The compressor according to claim 1, wherein said wave-suppressing member comprises a divided member which extends astride said interface to divide said interface into a plurality of pieces.
3. The compressor according to claim 2, wherein said divided member comprises a plurality of plates standing in the vertical direction.
4. The compressor according to claim 3, wherein a plurality of said plates are assembled in a lattice form.
5. The compressor according to claim 2, wherein said divided member comprises a honeycomb member.
6. The compressor according to claim 1, wherein said wave-suppressing member comprises a porous member extending astride said interface.
7. The compressor according to claim 1, wherein said wave-suppressing member comprises a mesh member extending astride said interface.
8. The compressor according to claim 7, wherein said mesh member comprises a fibrous mesh member.

9. The compressor according to any one of claims 2 to 5, wherein the mesh member is disposed in a divided portion divided by said divided member.

10. The compressor according to claim 1, wherein said wave-suppressing member comprises a plate member extending astride said interface.

11. The compressor according to any one of claims 1 to 10, wherein said wave-suppressing member comprises a floating type wave-suppressing member.

12. The compressor according to any one of claims 1 to 11, wherein bulk density of said floating type wave-suppressing members is set greater than density of the working fluid and smaller than density of the refrigeration oil.

13. The compressor according to any one of claims 1 to 12, wherein the working fluid is carbon dioxide.